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Date of Deposit 2-8-2005

By: Brenda Garcia  
Brenda Garcia

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

In re Application of:  
Majed M. Al Hamrani

Serial No.: 10/601,6031

Filed: June 23, 2003

Title: REACTIVE POWER OPTIMIZATION  
WITH ADAPTIVE EXCITATION CONTROL

§ Group Art Unit: 2857  
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§  
§ Examiner: UNASSIGNED  
§  
§  
§  
§ Docket No.: 004159.003008  
§

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
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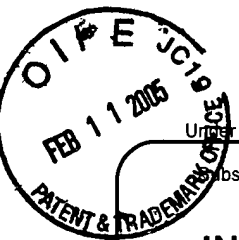
Dear Sir:

Applicant hereby submits the following references in accordance with 37 C.F.R. §§ 1.56 and 1.97. Copies of any U.S. Patent references cited in the attached PTO-1449 are not enclosed.

Respectfully submitted,

Albert B. Kimball, Jr.  
Albert B. Kimball, Jr.  
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STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

**Complete if Known**

Application Number	10/601,603
Filing Date	June 23, 2003
First Named Inventor	Majed M. Al Hamrani
Art Unit	2857
Examiner Name	UNASSIGNED
Attorney Docket Number	004159.003008

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 3,936,722		Goto, et al	
		US- 4,982,174		Lauw	
		US- 5,321,308		Johncock	
		US- 5,440,222		Tanaka, et al	
		US- 5,483,147		Illic, et al	
		US- 6,208,120		Gibbs	
		US- 6,232,751		Farr, et al	
		US- 6,265,852		Kitamura, et al	
		US- 6,329,773		Xia, et al	
		US- 6,323,618		Xia, et al	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner Signature	Date Considered
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Examiner Name	UNASSIGNED
Attorney Docket Number	004159.003008

Sheet 2 of 2

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		MAJED M. AL HAMRANI, Reactive Power Optimization Using Adaptive Excitation Control of Synchronous Motors, Thesis, June 25, 2002, Oregon State University	
		KEVIN D. BECKER, Power Factor Correction With Synchronous Machines, EC&M, December, 1993, pp. 47-48, 50, 52. and 56-57	
		M. M. AL-HAMRANI, A. VON JOUANNE, A. WALLACE, Power Factor Correction in Industrial Facilities Using Adaptive Excitation Control of Synchronous Machines, IEEE, June 17, 2002,	
		STANLEY R. SHILLING, P.E., Programmable Logic Controller for Synchronous Motors, Saudi Aramco Engineering Report – SAER-5612, June 1994, Dhahran	
		LIU NIAN; TENG FUSHENG, The New Intelligent Monitoring Method for Operating States of Large Generator Units, IEEE Power Engineering Society Winter Meeting, Vol.1, Jan 2000, pp	
		MONTERO, L.R.R., Monitoring and Control System Based on Microcomputer for Synchronous Generator, IEEE Transactions on Energy Conversion, Vol14, No.4, December 1999	

Examiner Signature		Date Considered	
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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